Muhammad Suleman

List of Publications by Year
in descending order

23	505	687363	713466
papers	citations	13	21
		h-index	g-index

23	23	23	398
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	An Efficient Analytical Approach for the Periodicity of Nano/Microelectromechanical Systems' Oscillators. Mathematical Problems in Engineering, 2022, 2022, 1-12.	1.1	13
2	Numerical Simulation of Fractional Zakharov–Kuznetsov Equation for Description of Temporal Discontinuity Using Projected Differential Transform Method. Complexity, 2021, 2021, 1-11.	1.6	5
3	Numerical solutions of coupled nonlinear fractional KdV equations using He's fractional calculus. International Journal of Modern Physics B, 2021, 35, 2150023.	2.0	11
4	Numerical iteration for nonlinear oscillators by Elzaki transform. Journal of Low Frequency Noise Vibration and Active Control, 2020, 39, 879-884.	2.9	27
5	Error Estimation of the Homotopy Perturbation Method to Solve Second Kind Volterra Integral Equations with Piecewise Smooth Kernels: Application of the CADNA Library. Symmetry, 2020, 12, 1730.	2.2	32
6	HE–ELZAKI METHOD FOR SPATIAL DIFFUSION OF BIOLOGICAL POPULATION. Fractals, 2019, 27, 1950069.	3.7	29
7	Numerical Simulation of Darcy–Forchheimer 3D Unsteady Nanofluid Flow Comprising Carbon Nanotubes with Cattaneo–Christov Heat Flux and Velocity and Thermal Slip Conditions. Processes, 2019, 7, 687.	2.8	34
8	MHD flow of Maxwell fluid with nanomaterials due to an exponentially stretching surface. Scientific Reports, 2019, 9, 7312.	3.3	80
9	MHD Boundary Layer Flow of Carreau Fluid over a Convectively Heated Bidirectional Sheet with Non-Fourier Heat Flux and Variable Thermal Conductivity. Symmetry, 2019, 11, 618.	2.2	27
10	A Numerical Simulation of Silver–Water Nanofluid Flow with Impacts of Newtonian Heating and Homogeneous–Heterogeneous Reactions Past a Nonlinear Stretched Cylinder. Symmetry, 2019, 11, 295.	2.2	47
11	He–Laplace method for general nonlinear periodic solitary solution of vibration equations. Journal of Low Frequency Noise Vibration and Active Control, 2019, 38, 1297-1304.	2.9	23
12	Numerical simulation for homogeneous–heterogeneous reactions and Newtonian heating in the silver-water nanofluid flow past a nonlinear stretched cylinder. Physica Scripta, 2019, 94, 085702.	2.5	35
13	ELZAKI PROJECTED DIFFERENTIAL TRANSFORM METHOD FOR FRACTIONAL ORDER SYSTEM OF LINEAR AND NONLINEAR FRACTIONAL PARTIAL DIFFERENTIAL EQUATION. Fractals, 2018, 26, 1850041.	3.7	24
14	Impact of Nonlinear Thermal Radiation and Entropy Optimization Coatings with Hybrid Nanoliquid Flow Past a Curved Stretched Surface. Coatings, 2018, 8, 430.	2.6	34
15	Solving a modified nonlinear epidemiological model of computer viruses by homotopy analysis method. Mathematical Sciences, 2018, 12, 211-222.	1.7	21
16	Entropy Analysis of 3D Non-Newtonian MHD Nanofluid Flow with Nonlinear Thermal Radiation Past over Exponential Stretched Surface. Entropy, 2018, 20, 930.	2.2	24
17	NUMERICAL INVESTIGATION OF FRACTIONAL HIV MODEL USING ELZAKI PROJECTED DIFFERENTIAL TRANSFORM METHOD. Fractals, 2018, 26, 1850062.	3.7	12
18	Analytical Solution of Linear Fractionally Damped Oscillator by Elzaki Transformed Method. DJ Journal of Engineering and Applied Mathematics, 2018, 4, 49-57.	0.6	3

#	Article	IF	Citations
19	New Application of Elzaki Projected Differential Transform Method. Journal of Computational and Theoretical Nanoscience, 2017, 14, 631-639.	0.4	7
20	Solution of Unbounded Boundary Layer Equation using Modified Homotopy Perturbation Method. , 2017, 3, 11-15.		3
21	A Novel Technique to Solve Space and Time Fractional Telegraph Equation. Journal of Computational and Theoretical Nanoscience, 2016, 13, 1536-1545.	0.4	9
22	Robust construction of minimal surface from general initial mesh. Applied Mathematics, 2015, 30, 227-244.	1.0	0
23	Explicit Analytic Solution of Vibration Equation for large domain by mean of the Elzaki projected Differential Transform Method. Journal of Advances in Mathematics, 2015, 11, 5244-5257.	0.1	5